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Hauptverwaltung (H.V.) Metallurgie: Planned Production Capacity Increase according to 1952 Investment Plan (3 November 1951)

Iron Industry

- 1. In order to make various ores available for smelting, a number of malleable iron plants (Rennanlagen), as well as roasting and sintering plants, will be required. For example, the reduction of ores into iron billets in the malleable iron plants will require the construction in 1952 of the first group of furnaces (two furnaces). As regards sintering plants, the extension of the plant in the Fisenhuettenkombinat Ost at Fuerstenberg/Oder and the construction of a plant at Calbe should be mentioned.(1)
- 2. The extension of furnace capacity in the smelting works involves the construction of two further blast furnaces at Fuerstenberg/Oder so that by the end of 1952 there will be altogether four blast furnaces there. At the YEB Maxhuette, Unterwellenborn, a furnace similar to the Fuerstenberg type will be installed as compensation for the small blast furnace which will not, as planned, be built in 1953. The low shaft (Niederschacht) furnaces in Calbe will be extended from 2 to 10 furnaces.
- 3. An increase in the production capacity of Siemens Martin(SM) steel in 1952 is not envisaged. The purpose of the installation of a 40 ton SM furnace at the Stahl- und Walzwerk Wilhelm Florin Hennigsdorf, VEB, is to permit the alteration at the same time of an 80-ton SM furnace into a 40-ton furnace. The reason for this alteration is to improve the quality of the steel. Production of higher quality steel will enable requirements in wire ropes, welding wires, etc., to be met.

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- 4. Electric steel capacity will be increased through the installation of a 5 and 10 ton-electric furnace at Stahl- und Walzwerk Groeditz, VEB. Two 10-ton electric furnaces are being installed at Doehlen(2). The production of roller castings will be improved by the installation of a 15-ton electric furnace at the Walzen-Giesserei Coswig, VVB EFW.
- 5. An increase in the DDR steel production in respect to the smelting of high quality steel demands an increased production of ferroalloys. In consequence, a further 7500 KVA furnace has been included in the plan for the ferroalloy plant at Ferrolegierungswerk Mueckenberg, VEB.
- 6. Rolling capacity will be increased through the new rolling mills at Edelstahlwerk Doehlen, Stahl- und Walzwerk Brandenburg, VEB, and Stahl- und Walzwerk Riesa, VEB. A 650 cogging mill, made at Wildau(3), has been successfully installed at Edelstahlwerk Doehlen. An 850 mill is planned for Brandenburg for semis(4) and profile iron, which will also be made at Wildau(3). On the other hand, the 850 breaking down mill planned for Riesa (production of semis for tube 50X1-HUM works, and profile iron) will be delivered The old tube works at Riesa are being modernized through the installation of a "Mass- und Glatt" rolling mill, delivery of which from Wildau has however, been delayed until March 1953. It will increase capacity by 2000 tons per year and will effect a great improvement in the quality of tubes. The 1050 rolling mill, which is so important for Brandenburg, will be developed in the DDR. As regards the delivery of a continuous billet and slab mill for Brandenburg, negotiations with Czechoslovakia are now in progress, but the mill has not been included in the planning for 1952. The modernization of other rolling mills, particularly that at Hennigsdorf, must be postponed. In view of the fact that the SAG administration at the Walzwerk fuer Buntmetall, SAG Marten, at Hettstedt, is planning a strip rolling mill, the construction of a similar mill at Finow has been cancelled to avoid over-production. (5)
- 7. With regard to the development of the Electric Power Reconstruction Program, the erection of a large forge (Grossschmiede) at Stahl- und Walzwerk Groeditz, VEB, where turbine armatures (Laeufer) will be manufactured, is particularly important. For 1952 the construction of hydraulic presses as follows is envisaged: one 1000-ton, one 2000-ton, and one 6000-ton. The latter will be made through the collaboration of the Ministry of Machine Construction and Czechoslovakia.

Nonferrous Industry

- 8. As the mechanization of the copper ore mining industry involves the production of increasing quantities of fine ore which are not suitable for smelting in shaft furnaces, the fine ore must be produced in large pieces ("Stuckige Form"). The construction of a large sintering plant at the August Bebelhuette VVB WMW, at Zella-Mehlis, has therefore been begun. Modernization of the foundry and the completion of the three-furnace project at the Karl Liebknecht-Huette (6) will mean that the VVB Mansfeld Kombinat will have the necessary shaft furnace capacity to smelt the ore produced. The copper foundry will be extended through the addition of a refining furnace. Copper electrolysis will also be extended by 50%. The lead foundry in the Mansfeld Kombinat will be extended by a third shaft furnace.
- 9. In conformity with the increased demand for lead ore, the smelting capacity of Huettenwerk Muldenhuetten, VVB Buntmetall, for coarse smelting, and Huettenwerk Halsbruecke VVB Buntmetall, for fine smelting, will be increased. The installation of a new refining plant at Muldenhuetten will enable the separation in the production of lead into separate departments for rich and low bismuth content respectively.

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- 10. The reconstruction of the sulphuric acid contact plant begun in 1951 will be completed in 1952(7). The building of a zinc foundry at Muldenhuetten for the production of zinc by electrolysis from the zinc blende obtained from the Freiberg lead ore mines, has begun. A vacuum smelting plant will be installed at the Berliner Metallhuetten und Halbzeugwerke (BMH), VEB, in order to produce zinc for rolling from zinc scrap.
- 11. Corresponding with the preparatory measures for the production of nickel ore, preliminary work in connection with the building of a crude and a fine nickel foundry respectively will be started in 1952. The capacity of the VEB Nickel-huette, Aue, to smelt raw material with low nickel content will involve the installation of a fourth flame furnace. The capacity increase will be from the existing 1.5 2 tons to 3 tons per day. At the Halbzeugwerk Auerhammer (VVB WZ), a quarto rolling mill housing (Quartowalzengeruest) will be installed to roll strips of iron, chrome-nickel and chrome-molybdenum alloys, also foil-rolling equipment for the production of copper, tombac, and brass foil.
- 12. Statistics of planned capacity increases in 1952 are given in the appendix.

II .	Alterations	to the	he preli	minary I	nvestment	Plan (9	November	1951)
	AND DESCRIPTION OF THE PROPERTY OF THE	ALCOHOL: UNKNOWN	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	Contract of the Party of the Pa	STREET, SALESSELL, PROPERTY AND PROPERTY AND	AND THE RESERVE OF THE PERSON AND THE	and the factor of the state of	the second second

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1. Eisenhuettenkombinat Ost, Fuerstenberg/Oder, VVB EFW

The projection of plans must be so arranged that the 3rd and 4th blast furnaces will start functioning on 1 May and 1 September 1952 respectively.

2. Eisenwerke West, Calbe/Saale, VVB EFW

Planning must ensure that the functioning of furnaces No. 3-10 will be safe-guarded.

3. Maxhuette VEB

The construction of an automatic steel mill is to be postponed until 1953.

4. Edelstahlwerk Doehlen, VEB

In the steel works only two 10-ton electric furnaces will be installed in 1952. These will be delivered by the Allgemeine Elektrizitaets-Gesellschaft (AEG). They were originally ordered by Groeditz and paid for by them. Whether they will be put into operation will depend on developments in connection with the Trade Agreement. In the rolling mill only the 605 mill has been included provisionally in the plans for 1952 as the delivery of the Czechoslovak mill has been postponed until 1953.

5. Stahl- und Walzwerk Brandenburg, VEB

The additional project for a wire mill has been postponed until 1953. Only the 850 mill will be built in 1952. Plans for the 1050 cogging mill remain. Planning urgency will be governed by the need to ensure the operation of the 850 mill.

6. Stahl- und Walzwerk Riesa, VAB

The plan for a manganese hard steel improving furnace at the steel works has been cancelled.

.4.

7. Stahl- und Walzwerk Groeditz, VEB

The following are alterations to the preliminary plans One 5-ton and one 10-ton electric furnace will be installed. Manufacturer: VEM Lokomotivenbau Elektrotechnische Werke (LEW) VEB, Hennigsdorf. An additional 6,000-ton press for the large forge is planned; delivery is to be through the collaboration of Machine Construction and Czechoslovakia. Order of urgency: 5-ton electric furnace, delivery end of first quarter 1952; 10-ton electric furnace, delivery provisionally third quarter 1952.

8. Stahl- und Walzwerk Wilhelm Florin, Hennigsdorf, VEB

One 40-ton SM furnace is to built and one 80-ton SM furnace is to be converted into a 40-ton furnace.

9. Kupfer und Blechwalzwerk Michael Niederkirchner, Ilsenburg, VVB Vesta

No alteration except for the dropping of the plan for the medium sheet metal rolling mill. Planning at this plant should be guided by the aim to achieve full capacity in the thick sheet metal mill by 1 May 1952. This date, however, should be reviewed in view of negotiations with the Thaelmannwerke at Suhl.

10. Leichtmetallwerk Rackwitz, VEB

Alterations involve the cancellation of plans for smelting, grinding, processing, and light construction shops, as well as minor items.

11. Berliner Metallhuetten und Halbzeugwerke (BMH) VEB

Various reductions in the plans for the three works are made in order to allow for one Vacuum Smelting Plant in Werk I with a daily capacity of five tons of fine zinc in 1952, to be extended to ten tons capacity in 1953, and the increase in production of 180,000 coupling bearings (Verbundlager) in 1952 to 280,000 in 1953.

12. VVB Mansfeld Kombinat

The smelting of furnace pigs is not included in the planned total, but, according to an assurance received from the State Planning Commission, it will be financed in the course of 1952 from state reserves; so plan drafting is to be carried out as quickly as possible.

13. Walzengiesserei Coswig, VVB NFW

The preliminary planned figure of 8,696 thousand IM has been cut by 2,478.7 thousand IM, involving various pieces of machinery.

14. Walzengiesserei Quedlinburg, VVB EFW

Investments have been postponed until 1953.

15. Ferrolegierungswerk Mueckenberg, VVB EFW

Instead of two 7500 KWA electric furnaces, only one will be built in 1952.

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	Comments:		50X1-HUN
(1.)	The construction at Calbe is presumably that at Eise (VVB EFW).	enwerke West, C	albe/Saale 50X1-HUM
(3)	Presumably at the Schwermaschinenbau, VVB Abus, at	Wildau.	
(4)	Semis probably refers to semi-steels which are metal between 1.8 and 2.2 per cent.	ls of iron type	with carbon
(5)	The construction at Finow may have been intended at which has been described as planning construction. Hoffmann & Motz	the Walzwerk F See under its	inow, VVB WZ, former name,
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${\tt Appendix}$

Planned Production Capacity Increase According to the 1952 Investment Plan (3 November 1951)

	Plant	lst and final year	Capacity Increase				
		of the total project	unit	projected total	in previous year	in plan	
O,	isenhuettenkombinat st, Fuerstenberg/ der, VVB MFW	1950~1955	1,000 tons p.a.				
a,	Blast furnaces, ore stocks and ore preparation	1950-1953	crude iron	900	360	360	
b.	. Steel works	1952-1954	crude steel	550			
Ç.	Rolling mill	1952-1955	thick and thin sheet metal	280			
	senwerke West, albe, VVB FFW	1950 -195 5	1,000 tons p.a.				
			foundry pig	300	30	120	
Ма	xhuette, VEB	1949-1955	1,000 tons p.a.				
a.	Blast furnace work, including	1949-1955	crude iron sinter	265	115	125	
	ore sintering		material	250	250	•	
ъ.	Steel works	1949-1955	Thomas steel (molten)	280	110	10	
c.	Rolling mill	1949-1955	Semis	380	375		
			"Sorteneisen"	250	156		
			Thick sheet metal	50	50		
			Lime	120	75	. •	
			MW-E-Power	5.2	3.6	•	
	elstahlwerk ehlen, VE3	1949-1955	1,000 tons p.a.				
a.	Steel works plants	1949-1953	SM-Steel (molten)	26	26		
			E-Steel	74	10	20	
			Steel castings	5		70	

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	Plant	lstveti Time ve d		<u>c</u>	apacity In	crease
		or see	unit	projected total	in previous year	in plan
	b. Rolling mill annealing and improving plants	1951 1955	Semis	60	-	60
	e. Iron foundry	1940-3955	Pressed and forged parts	13.5	14	2,2
	d. Ancillary plants	1949 -195 5 .	-	*	-	•
5.	Stabl - und Walzwerk Branderburg, VE6		1,000 tons p.a.			t autori
	a. Steel works	1950-1951	SM-steel (molten)	840	560	=
	b. Rolling mill	1950 - 1954	Semis	800	-	*
			Profile steel	240	-	240
			kolled wire	100	-	4
			Strip steel	70		e de
			Welded tubes	50	÷	-
6.	Stahl- und Walzwerk Riesa, YEB	1949 -1955	1,000 tons p.a.			
	a. Steel works	19kg 1955	SM-st e el	586	402	*
	including steel casting plant		steel castings	12	12	-
	b. Bar iron rolling mill	1944-1973	Bar i ro n oruđe i ro n	200 180	200	180
	c. Tube plant	1949-1955	seamless tubes	102	-	32
7.	Stahl- und Walzwerk Groeditz, VMb	1947-1935	1,000 tons p.a.			
	a. Steel works and steel casting plant	1949 1993	W-steel (molten) Cast steel	175 12	160 12	15
	b. Fittings works	1947-1955	Fittings	1.5	1.5	<u>.</u>
	c. Forges	1950-1955	Forged parts	50	5.5	27.6
	-		- +	•		•

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Plant	lst and		Caps	city Incre	ease
	of the total project	unit	projected total	in previous year	in plan year
Stahl- und Walzwerk Wilhelm Florin, Hennigsdorf, VEB	1947-1955	1,000 tons p.a.			
a. Steel works and steel	1947-19 54	SM-steel (molten) Cast steel	274 18	211	35
	1950-1 95 4	Chill molds	24	24	· 🚉
e. Rolling mill	1948-1 955	Rolled steel	260	220	ج
Rupfer und Blechwelz- werk, Michael Wieder- kirchmer, Themburg, VVB Vesta	1945-19 55	1,000 tons p.a.			
		Thick sheet meta	al 47.8	28.8	19
		Electrolytic copper	6.5	14	2.5
Leichtmetallwerke, Rackwitz, VSB	19 4 9-1 955	tons per year			
		Aluminum sheet	1,000	640	100
		Aluminum wire	1,400	600	310
		Phosphor-bronze	200	110	40
		Aluminum mold castings	800	685	115
	•	Magnesium mold castings	500	385	115
Berliner Metall- huetten und Halbzeugwerke, VES	1949-1 955	tons per year			
a. Werk I Smelting Works	- One the second se	Wire bars MS and "Tombak"	14,650	9,050	•
for fine zinc		Fine zinc	4,500	· 	1,500
b. Werk II (Semis)		Copper and MS tubes	2,100	1,500	-
		W 6	1,620	7 000	
		Nonferrous Wires	1,020	1,020	-
	Wilhelm Florin, Hennigsdorf, VEB a. Steel works and steel casting plant b. Velten Chill Mold Plant c. Rolling mill Kupfer und Blechwalz- werk, Michael Nieder- kirchmer, Themburg, VVB Vesta Leichtmetallwerke, Rackwitz, VEB Berliner Metall- huetten und Halbzeugwerke, VEB a. Werk I Smelting Works Yacuum smelting for fine zinc	Stahl- und Walzwerk Wilhelm Florin, Hennigsdorf, VEB a. Steel works and steel casting plant b. Velten Chill Mold Plant c. Rolling mill 1948-1955 Rupfer und Blechwalz- werk, Michael Nieder- kirchmer, Ilsenburg, VVB Vesta Leichtmetallwerke, Rackwitz, VEB Rerliner Metall- huetten und Halbzeugwerke, VEB a. Werk I Smelling Works Vacuum smelting for fine zinc	Stahl- und Walzwerk project. Stahl- und Walzwerk 1947-1955 1,000 tons p.a. Wilhelm Florin, Hennigsdorf, VEE a. Steel works and steel (molten)	Stahl- und Walzwerk Withelm Florin, Hennigsdorf, VEB a. Steel works and steed casting plant c. Rolling mill. 1948-1955 Rolled steel 260 Kupfer und Blechwalz- 1945-1955 1,000 tons p.a. Werk I Smelting Works Aluminum wheet 1,000 Aluminum wheet 1,400 Phosphor-bronze wire Aluminum mold castings Berliner Metall- heetten und Halbzeugwerke, VEB Berling Works Yesu Wire bars MS and "Tombak" a. Werk I Smelting Works Yesus Fine zinc 4,500 b. Werk II (Semis) Thou tons p.a. with projected total in the total in th	### Third year of the total project In projected previous year Stahl- und Walzwerk 1947-1955 1,000 tons p.a.

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1.	

<u>^</u>	Plant	lst and final year		Capa	city Incre	ease
		of the total project	unit	projected total	in previous year	in plan year
***************************************			1,000 pieces of coupling bearings	550	74	100
en e	c. Werk III Special bronze		tons per year Non-ferrous mold castings	375	315	60
			Special MS tubes and rods	296	144	-
12.	Mansfeld Kombinat	1948-1955	1,000 tons p.a.	1,800	1,060	280
	a. Sangerhaeuser Revier (sic)	1948-1955	Ħ	620	40	120
	b. Mansfelder Pig lead (?) (Mulde)	1949-1955	м	1,180	1,020	160
,	c. Rohhuetten (Rough Processing Plants)	1949~1955	1,000 tons p.a. "Minern Durchsatz"	1,200	1,000	200
	d. Feinhuetten (Refining Plants)	1949-1955	1,000 tons p.a. Electrolytic copper	33	22	11
	e. Kraftwerke (Power Plants)	1949-1955	MW	43	25	5
	Considerable interest of cobalt from furnace to discoveries concer by the construction of	e slag produ ning radio-a	ced at Mansfeld, ctive reactions.	as the proc	cess has a	llegedly led
13.	Walzengiesserei Coswig, VVB EFW	1951-1953	tons per year Grey castings Cast iron	7,140	2,570	4,570
			rollers	5,000	1,800	2,400
14.	Walzengiesserei Quedlinburg, VVB FFW	1951-1955	tons per year Grey castings Cast iron	3,000	500	postponed until 1953
•			rollers	2,000	250	*
15.	Ferrolegierungswerk Lippendorf, VVB EFW	1950-1955	1,000 tons p.a. Fe., Si. 45%	25.5	8.5	•
			Fe. Mn, carb.	3.4	3.4	•

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	Plant	lst and final year		Capa	city Incre	ase
		of the total project	unit	projected total	in previous year	in plan year
16.	Ferrolegierungswerk Mueckenberg,VVB EFW	1951-1955	1,000 tons p.a. Fe., Si. 45%	32.8	8.5	8.5
17.	Badeleben	1950-1955	1,000 tons p.a.			
	a. Mines Badeleben	1950 -1955	iron ore	600	40	160
	b. Mines Tanger-Niederung &West Priegnitz	1950 -1955	iron ore	20	5	5
	c. Ore preparation plant	1952-19 5 4	Ingots	300	1 +	60
18.	Saalfeld	1950-1955	1,000 tons p.a.			
	a. Schmiedefeld	1950-1955	iron ore	50	-	•
	b. Wittmansgereuth	1950-1955	iron ore	36	÷	<u>.</u>
	c. Eisenberg	1950-1955	iron ore	÷	<u> </u>	•
	d. Kamsdorf	1950-1955	limestone with iron content	4	₩.	÷ .
	e. Schleiz	1952-1955	iron ore	240	+	-
	f. Kuhschpappel	1952-1955	iron ore	?	-	•
19.	Harzer Eisenerzgruben	1950-1955	1,000 tons p.a. iron ore Ferrous	480	230	90
			limestone	60	20	10
	a. "Am Buechenberg"	to the second		in the state of th	in a state of the	nadisa di dana da da da
	Elbingerode	1950-1955	iron ore	200	80	40
	b. "Braunesumpf" Huettenrode	1950-1955	iron ore	250	150	50
			Ferrous limestone	60	20	10
	c. Stahlberg near Neuwerk	1952-1955	iron ore	30	2	ing.
20,	Eisenmanganersberg- werke Schmalkalden VVB EFW	1949-1955	1,000 tons p.a. iron ore	245	55	55
21.	Walzwerk Willy Becker Kirchmoeser, VVB WZ	1949-1955	1,000 tons p.a.			
	y vyger Plank		bar steel Thick sheet	37	37	
			metal	56	56	

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Walzwerk Burg, VVB WZ Blechwalzwerk Olbernhau,VVB WZ	final year of the total project 1949-1953	1,000 tons p.a. Thin sheet metal of which: dynamo sheet Transformer sheet 1,000 tons p.a. Medium & fine sheet metal of which: dynamo	projected total 24 11	in previous year 23 10	in plan year
VVB WZ Blechwalzwerk Olbernhau,VVB WZ		Thin sheet metal of which: dynamo sheet Transformer sheet 1,000 tons p.a. Medium & fine sheet metal of which: dynamo	11 4	10	
Olbernhau,VVB WZ	19 4 9-1955	Transformer sheet 1,000 tons p.a. Medium & fine sheet metal of which: dynamo	4		1
Olbernhau,VVB WZ	1949-1955	Medium & fine sheet metal of which: dynamo		•	
Jo l'het en er rel			30	17	5
In Therens are		sheet Transformer sheet	18 t 3	9 ·3 0 · 7	2.7 2.3
albzeugwerk Auerhammer,VVB WZ	1949-1955	1,000 tons p.a. Rolled products (V.2.A) Nonferrous	1.45	0,05	0.325
	,	rolled products	1.35	0.85	0.185
Rohr- und Kalt- Jalzwerk Chemnitz, TVB WZ	1949~1955	1,000 tons p.a. Cold strips Precision	1.8	0,6	0.15
		steel tubes	2.1	0.5	1 .
altwalzwerk Dranienburg,VVB WZ	1950-1953	l,000 tons p.a. Cold rolled products	3.5	2	0.8
altwalzwerk salzungen, VVB WZ	1959-1955	1,000 tons p.a. Unalloyed strip steel	2.94	1.5	0,2
dehwerk Lugau, VB WZ		1,000 tons p.a. Drawn and scraped bar steel	24	24	<u>.</u>
iehwerk' elitzsch,VVB WZ	1950-1955	1,000 tons p.a. Drawn and scraped			
		"Blankstahl"	36	16	3
iehwerk rotterode,VVB WZ	1950-1955	Drawn and scraped bar steel	8	8	÷ .
iehwerk Berlin choeneweide,VVB WZ erlin-Niederschoenew	1951-1952 eide	Drawn and scraped bar steel	9	9	- -
leiers, VVB untmetall, reiberg	1949-1955	tons p.a.			
	cohr- und Kalt- ralzwerk Chemnitz, VB WZ altwalzwerk ranienburg,VVB WZ altwalzwerk alzungen, VVB WZ iehwerk Lugau, VB WZ iehwerk elitzsch,VVB WZ iehwerk rotterode,VVB WZ iehwerk Berlin choeneweide,VVB WZ erlin-Niederschoeneweleiers, VVB untmetall,	dohr- und Kalt- ralzwerk Chemnitz, VB WZ altwalzwerk 1950-1953 ranienburg,VVB WZ altwalzwerk 1959-1955 alzungen, VVB WZ iehwerk Lugau, VB WZ iehwerk 1950-1955 elitzsch,VVB WZ iehwerk 1950-1955 rotterode,VVB WZ iehwerk Berlin 1951-1952 choeneweide,VVB WZ erlin-Niederschoeneweide leiers, VVB 1949-1955 untmetall,	Rolled products (V.2.A) Nonferrous rolled products relities recision steel tubes relities ranienburg, VVB WZ rolled products	Rolled products (V.2.A) Nonferrous rolled products 1.45 Nonferrous rolled products 1.35 Rohr- und Kalt- Palzwerk Chemnitz, NB WZ Rolled products 1.35 1,000 tons p.a. Cold strips Precision steel tubes 2.1 Raltwalzwerk Precision steel tubes 2.1 Rolled products 1.35 1.60hr- und Kalt- Precision steel tubes 2.1 Rolled products 1.35 1.000 tons p.a. Cold rolled products 3.5 Raltwalzwerk Rolled products 1.45 1.000 tons p.a. Unalloyed strip steel 2.94 1.000 tons p.a. Drawn and scraped bar steel 24 Itehwerk lugau Rolled products 1.45 Rolled products 1.40 Rolle	Rolled products (V.2.A) Nonferrous rolled products 1.35 0.85 Rohr- und Kalt- ralzwerk Chemnitz, VB WZ Rolled products 1.35 0.85 1.40 no.6 Rohr- und Kalt- ralzwerk Chemnitz, VB WZ Rolled products 1.35 0.85 1.60 no.85 1.7000 tons p.a. Cold strips Precision steel tubes 2.1 0.5 Rohr- und Kalt- ralzwerk Chemnitz, VB WZ Rolled products 1.35 0.85 1.60 strips Precision steel tubes 2.1 0.5 Rohr- und Kalt- ralzwerk Chemnitz, VB WZ Rolled products 1.35 0.85 1.60 strips Precision steel tubes 2.1 0.5 Rolled products 1.35 0.85 Rohr- und Kalt- ralzwerk Chemnitz, VB WZ Rolled products 1.35 0.85 1.60 strips Precision steel tubes 2.1 0.5 Rohr- und Kalt- Rohr- und Rohr- Rohr- un

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	Plant	1st and	•	Capa	city Incre	ease
		final year				Married and the specimens of the second
		of the total project	unit	projected total	in previous year	in plan year
	a. Freiberg	. •	Pb Concentrate Zn concentrate Pyrites	1,750 3,000 9,000	1,040 1,640 5,200	470 810 860
	b. Brander Revier	1950-1955	Pb concentrate Zn concentrate Pyrites	4,670 5,400 13,000	- -	
	c. Halsbrueckè	1949-1955	Pb concentrate	1,560	700	590
	d. Kleinvoigtsberg		Pb concentrate	600	-	~
33.	Zinnerz, VVB Buntmetall, Altenberg	1949-1955	tons p.a.	976	156	165
	a. Altenberg	1949-1955	Sn content	726	141	165 .
	b. Sadisdorf	1949-1955	Sn content	250	15	
34.	Zinngrube Ehrenfriedersdorf VV8 Buntmetall	19 4 9-1955	Sn content	120	90	30
35.	Wolfram-Zinnerz Zschorlau	1949-1955	tons p.a.			· · · · · · · · · · · · · · · · · · ·
	a. Pechtelsgruen	19 4 9- 1 955	WO3 content	45	12	5
	b. Zschorlau	1951-1955	WO3 content	24	=	6
	c. Gottesberg	1949-1955	Sn content	20	14	1
36.	Nickelerz Callenberg	1947-1955	1,000 tons p.a. Nickel ore	163.5	=	33+5
37,	Antimon-Erzbergwerk Oberboelmsdorf VVB Buntmetall	1951-1955	tons p.a. Sb. content	35	35	~
38.	Huettenwerk Halsbruecke, VVB Buntmetall	1949-1955	tons p.a. Electrolyte lead	6,000	•	1,500
			Lead armatures	30	16	14
			Pumps unit p.a.	20	10	10
39.	Huettenwerk Muldenhuetten, VVB Buntmetall	1950-1955	1,000 tons p.a. Pb content SO ₃ content Zn	10 10,5 10	10 2.5 -	. -

Appendix

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		Plant	lst and final year of the total project	Capacity Increase			
				unit	projected total	in previous year	in plan year
(40.	Zipnbuette Freiberg, VVB Buntmetall	1950-1955	tons p.a. Bearings metal	480	480	- pöstponed until 1953
				Crude tin	200	-	- 4
				Pure tin	100	40	
				Soldering tin	90	90	<u>u</u>
_	_			Slag wool	450	450	e e de la companya del la companya de la companya d
	41.	Nickelhuette Aue, VVB Buntmetall	1950-1952	tons p.a. Nickel Crude speiss basis 10% Ni. content raw material	900	600	300
	42.	Metallschmelz-und Walzwerk Merseburg, VVB Buntmetall	1949-1950	tons p.a. Aluminum foil	37 5 *	300	30
				Armatures .	38	38	-
	43.	Lautawerk near Spremberg	1952-1956	1,000 tons p.a. Smelting aluminum	45	<u></u>	·